

ILLINOIS

WEATHER & CROPS



**ILLINOIS
COOPERATIVE CROP
REPORTING SERVICE**

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Economics, Statistics &
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Released: MAY 12, 1980, 3 P.M., CDT

DOC, NOAA, NATIONAL WEATHER SERVICE

CROP HI-LITES

*** Corn - 86% planted
*** Soybeans - 29% planted
*** Soil Moisture - 90% short
10% adequate

There were 7.00 DAYS SUITABLE for FIELD-WORK for the week ending May 9.

FUEL SUPPLIES remain mostly adequate throughout the State.

MAIN ACTIVITIES included planting corn and soybeans, seedbed preparation and spreading fertilizer.

CORN planting continued to make rapid progress, with 86% of the acreage planted as of May 11 compared with 27% last year and the 5-year (1975-79) average of 52%. Much of the early planted corn is now up.

SOYBEAN planting also progressed rapidly with 29% of the acreage planted compared with 1% last year and 10% for the 5-year average. Some growers were waiting for rain before continuing soybean planting.

WINTER WHEAT was reported as 17% excellent, 70% good, and 13% fair. Winter wheat was heading out in a few areas with 5% headed compared with 3% last year and 32% for the average.

ALFALFA was reported as 12% excellent, 77% good, and 11% fair.

PASTURES were reported as 6% excellent, 65% good, and 29% fair. Pastures were supplying about 85% of the livestock roughage requirements, compared with 79% last year and 80% for the 5-year average.

SOIL MOISTURE was reported as 10% adequate and 90% short.

WEATHER

TEMPERATURES for the period of May 5-11 averaged near normal across the State. The week started very warm with maximum temperatures climbing into the 80's. A cool trend developed during midweek sending minimum temperatures in the northern sections below the freezing mark.

PRECIPITATION was very light as amounts ranged from trace to .25 of an inch. The Springfield area received the heaviest amount (near 1/2 of an inch), while the extreme South received no rain. The little rain that did fall fell at the end of the week.

The OUTLOOK for the period of May 14 thru 20 is for near normal temperatures and near normal precipitation in Illinois.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

| Crop and Soil Characteristics | NW | NE | W | C | E | WSW | ESE | SW | SE | STATE | 5-YR. AVG. |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------------|
| Corn: % planted (as of May 11) | 85 | 85 | 90 | 90 | 90 | 95 | 80 | 70 | 60 | 86 | 52 |
| Soybeans: % planted | 25 | 20 | 25 | 35 | 40 | 35 | 30 | 15 | 20 | 29 | 10 |
| Days suitable for fieldwork: (week ending May 9) | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | |
| Soil Moisture %: (as of May 9) | | | | | | | | | | | |
| Short | 100 | 100 | 100 | 100 | 56 | 95 | 76 | 87 | 100 | 90 | |
| Adequate | -- | -- | -- | -- | 44 | 5 | 24 | 13 | -- | 10 | |
| Surplus | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |

1980 - 9

- OVER -



AGR-101

OFFICIAL BUSINESS

Illinois Weather & Crops
May 12, 1980

ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

| | Feb. | Mar. | Mar. 31- Apr. 6 | Apr. 7- 13 | Apr. 14- 20 | Apr. 21- 27 | Apr. 28- May 4 | May 5- 11 |
|-------------|------|------|--------------------|---------------|----------------|----------------|-------------------|--------------|
| Chicago | -6 | -2 | +1 | -6 | +3 | -2 | +1 | 0 |
| Moline | -7 | -4 | +1 | -6 | +3 | +2 | +1 | -1 |
| Springfield | -8 | -2 | 0 | -3 | -3 | +1 | -1 | 0 |
| S. Central | -8 | -3 | 0 | -4 | -5 | -2 | -2 | 0 |

MAY 12

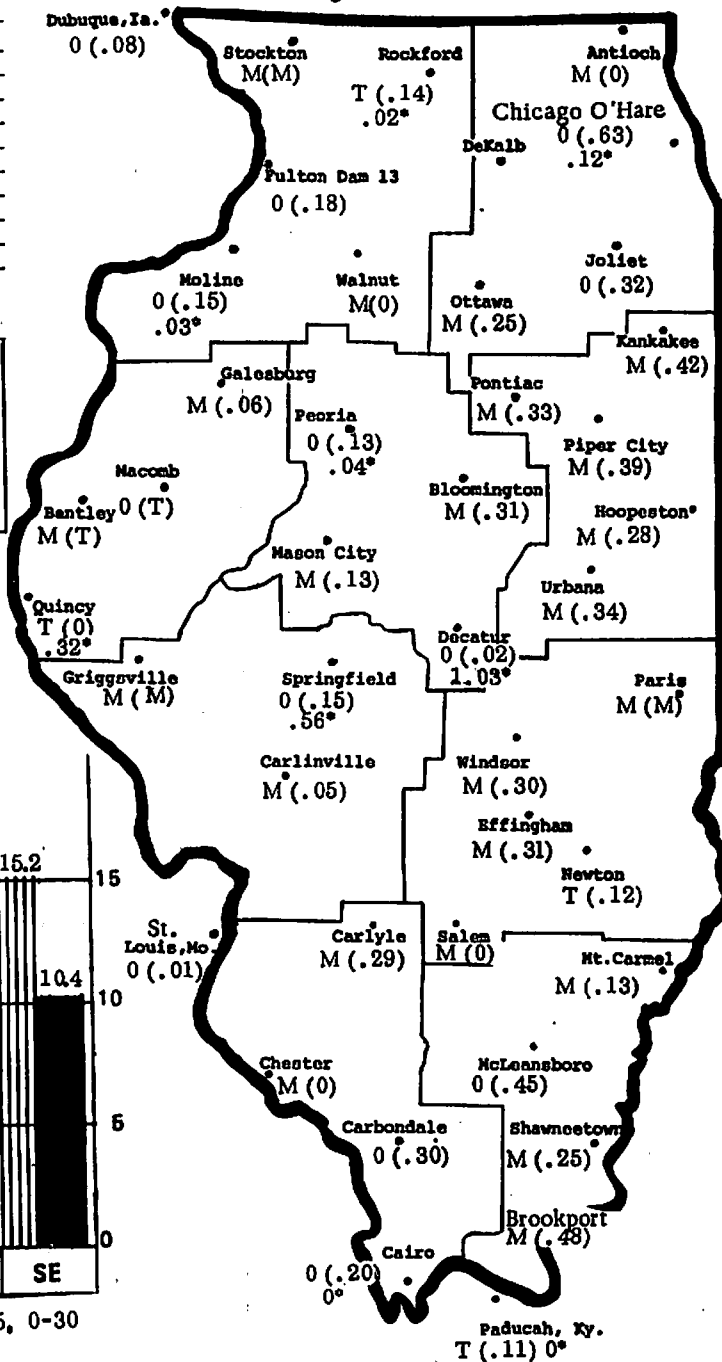
| STATION | Growing Degree Days* | | | |
|----------------|-------------------------|----------------|----------------|----------------|
| | Week ending Mon. 6 A.M. | | | |
| | Current week | 3-year avg. | Totals 1979 | Totals 1980 |
| Dubuque, IA | 66 | 274 | 223 | 290 |
| Moline | 79 | 341 | 274 | 322 |
| Rockford | 61 | 308 | 242 | 259 |
| Chicago O'Hare | 61 | 294 | 245 | 247 |
| Quincy | 84 | 391 | 340 | 365 |
| Decatur | 83 | 385 | 310 | 300 |
| Peoria | 74 | 353 | 286 | 289 |
| Springfield | 84 | 418 | 334 | 339 |
| Carlo | 115 | 536 | 458 | 438 |
| St. Louis | 103 | 464 | 393 | 411 |

* Totals are accumulated from April 1.

Growing degree days(GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 50 degrees (F). Thus, if the mean temperature for the day is 75 degrees, then 25 GDD's will have been accumulated.

PRECIPITATION:

First figure--current week, May 2-8
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.

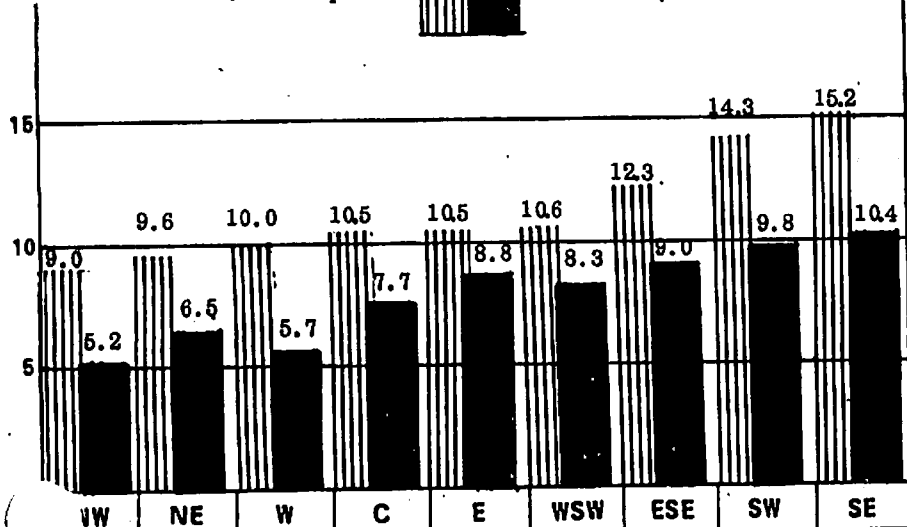


ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Jan. 1-Apr. 30

Jan. 1-May 8



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